Anritsu envision : ensure

# Press Release

## Anritsu Company Re-defines VNA Market with Introduction of ShockLine™ Family of Low-cost 4-port VNAs

*— MS46524A VNA Series Delivers Value and Performance in Differential and Multi-port Device Test Applications —*

**Morgan Hill, CA – June 2, 2014 –** Anritsu Company continues to redefine the vector network analyzer (VNA) marketplace with the introduction of its low-cost 4-port ShockLine™ RF VNA specifically designed to meet the price/performance considerations associated with testing passive multi-port and differential devices. The ShockLine MS46524A 4-port VNA series features high accuracy, fast measurement speed, and low cost, making it suitable for simple engineering and manufacturing applications.

Engineers can conduct key tests, including 16 single-ended and mixed-mode S-parameter measurements, with the ShockLine MS46524A VNAs. Additionally, time domain measurements are available as an option for simple signal integrity testing on high-speed digital boards. Designed to be flexible and cost-efficiently address engineering applications, the ShockLine MS46524A series is available in two models – one which covers the 10 MHz to 4.5 GHz frequency range and a second instrument that extends frequency coverage to 7 GHz.

Featuring wide dynamic range (>110 dB), fast sweep speed (77 us/point) and low trace noise (<6 mdB), the ShockLine MS46524A VNA optimizes measurement setups to shorten test times and increase throughput in RF device production applications. The 4-port VNA also has corrected directivity of >42 dB for reduced measurement uncertainty and smaller guard bands. The VNA can be controlled remotely via a LAN connection for automated or monitoring applications.

Manual tests can also be conducted with the ShockLine MS46524A series. The instrument can be connected to an external monitor, keyboard and mouse via HDMI or USB to access full touchscreen operation using an intuitive graphical user interface (GUI).

(more)

The ShockLine MS46524A VNA series addresses the market need for high value and performance when making 4-port measurements. Engineers can use the VNA to test multi-band mobile handset components, such as switches and differential SAW filters, verify the performance of RF passive multi-port components, including antennas, duplexers, couplers, isolators, and circulators, and identify signal integrity issues on high-speed digital circuits.

Combining the necessary measurement capability, remote programmability, simplicity, and compactness, the ShockLine MS46524A VNA is ideal for passive multi-port and differential device test applications. It is part of Anritsu's ShockLine VNA family that brings unprecedented value and performance to cost-sensitive engineering and production environments.

Anritsu's ShockLine VNA family consists of the ShockLine MS46522A series, as well as the Economy ShockLine MS46322A 2-port VNA for measurements up to 40 GHz and the MS46524A 4-port VNAs for differential and multi-port device testing.

The MS46524A has a delivery of 4 weeks ARO.

**About Anritsu**

Anritsu Corporation has been a provider of innovative communications solutions for more than 110 years. The company's test and measurement solutions include wireless, optical, microwave/RF and digital instruments, operations support systems and solutions that can be used during R&D, manufacturing, installation, and maintenance. Anritsu also provides precision microwave/RF components, optical devices, and high-speed devices for design into communication products and systems. With the addition of OSS monitoring solutions it has expanded its offering to provide complete solutions for existing and next-generation wireline and wireless communication systems and service providers. Anritsu sells in over 90 countries worldwide with approximately 4,000 employees.

###

**For more information contact:**
Ajaiey Sharma
Director, Marketing and Business Development
Anritsu Company
408-778-2000 ext 1987
Ajaiey.Sharma@anritsu.com

Patrick Brightman
3E Public Relations
973.263.5475
pbrightman@3epr.com